

***Abstract of the Disclosure***

A body and a seat for a fuel injector having a fuel inlet, a fuel outlet, and a fuel passageway extending from the fuel inlet to the fuel outlet along a longitudinal axis. The body includes an inlet portion, an outlet portion, and a neck portion disposed between the inlet portion and the outlet portion. The seat includes a first face, a second face, and a circumferential surface disposed between the first face and the second face. The circumferential surface includes a first zone and a second zone that are connected by an intermediate zone, the intermediate zone engaging the body and the second zone being thermally isolated from the body. A fuel injector and a method of forming a fuel injector are also disclosed.